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Kathleen J. Moore  
(Signature of person mailing correspondence)  
Kathleen J. Moore  
(Typed name of person mailing correspondence)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
PETER WEIGEL, HANS-PETER FINK,  
and MICHAEL DOSS ] Group Art Unit:  
Application No. 10/588,835 ]  
Filing Under 35 U.S.C. 371 in DO/EO/  
US of PCT/EP2005/001632 filed ]  
17 February 2005 ]  
For: METHOD FOR PRODUCING NON- ] Examiner:  
WOVENS, A CORRESPONDING ]  
NON-WOVEN AND THE ]  
PRODUCTION THEREOF ] Attorney Docket 1-17509

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May 30, 2007

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INFORMATION DISCLOSURE STATEMENT

Honorable Sir:

Pursuant to Section 1.97 of Title 37 of the Code of Federal Regulations, and  
prior to the issuance of a first office action, record is hereby made of information the  
United States Patent and Trademark Office may wish to consider during examination of  
the above-entitled application which was filed on August 9, 2006, under 35 U.S.C. 371.

No representation is made or intended that a prior art search was conducted, or that no  
better art than that listed is available.

As this Information Disclosure Statement is being submitted prior to a first Office Action on the merits, it is respectfully submitted that no fee is required for consideration of this IDS.

The following documents were all mentioned in the description of the subject application, which serves as a statement of relevance for any of the non-English reference cited below:

DE 28 30 685 (corresponding to US 4,144,080; 4,246,221; and 4,416,698)

US 3,767,756

US 3,833,438

WO 00/18991

WO 98/07911

EP 0 057 105

EP 0 178 292

The following documents were all cited in the International Search Report of corresponding International Application No. PCT/EP2005/001632 (WO 2005/080660):

WO 88/05090 A (corresponding to US 4,906,521 and DE 37 908 61 T1)

WO 83/03433 A (corresponding to US 4,583,984 and DD 211 586)

DE 25 39 725 A1 (corresponding to US 4,107,374)

EP 0 879 906 A2 (corresponding to US 5,968,433 and US 6,234,778)

GB 955 128 A

A copy of the International Search Report, along with its English translation, serves as a statement of relevance for any of the non-English references cited above, and is attached hereto for the Examiner's convenience.

The following prior art was cited in the examination procedure of the basic German patent application (DE 10 2004 007 618):

DE 44 09 609 A1

DE 22 11 102 A

DE 37 90 861 T1 (corresponding to US 4,906,521 and WO 88/05090)

DE 197 21 609 A1 (corresponding to US 5,968,433; 6,234,778 and EP0879906)

DD 223 740 A1

DD 211 586 (corresponding to US 4,583,984 and WO 83/03433)

US 2003/0003830 A1

US 2,399,258

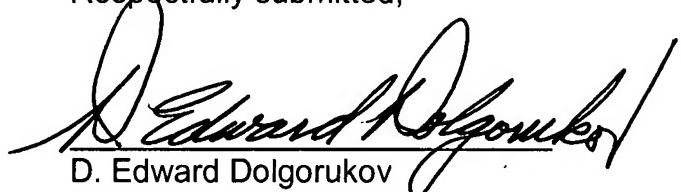
US 5,312,500 (corresponding to US 4,992,124)

"Synthetische Fasern" (Synthetic Fibres) by Franz Fourne, pp 498-509, 1995, Munich, Germany.

Copies of the examination reports are attached hereto along with English translations of German patent documents DD 223 740 and DD 211 586 and an English translation of Franz Fourne's article entitled "Synthetische Fasern" (Synthetic Fibres).

Copies of all of the above-noted foreign patent documents and article are enclosed herewith, along with Forms PTO/SB/08A and PTO/SB/08B. It is requested that they be fully considered and made of record in this case.

Respectfully submitted,



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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1 of 4

|                      |                    |
|----------------------|--------------------|
| Application Number   | 10/588,835         |
| Filing Date          |                    |
| First Named Inventor | Peter Weigel et al |
| Art Unit             |                    |
| Examiner Name        |                    |

Attorney Docket Number 1-17509

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|----------------------|---|--------------------------------|--|---|
|                    |                      | US- 2003/0003830 A1   | 01-02-2003                     | Ouederni et al                                     |   |
|                    |                      | US- 2,399,258 B1  | 04-30-1946                     | Taylor   |   |
|                    |                      | US- 3,767,756 B1  | 10-23-1973                     | Blades   |   |
|                    |                      | US- 3,833,438 B1  | 09-03-1974                     | Kaneko et al                                       |   |
|                    |                      | US- 4,107,374 B1  | 08-15-1978                     | Kusunose et al                                     | corrsp DE 2539725   |
|                    |                      | US- 4,144,080 B1  | 03-13-1979                     | McCorsley III                                      | corrsp DE 2830685   |
|                    |                      | US- 4,246,221 B1  | 01-20-1981                     | McCorsley III                                      | corrsp DE 2830685   |
|                    |                      | US- 4,416,698 B1  | 11-22-1983                     | McCorsley III                                      | corrsp DE 2830685   |
|                    |                      | US- 4,583,984 B1  | 04-22-1986                     | Turunen et al                                      | corrsp WO 83/03433  |
|                    |                      | US- 4,906,521 B1  | 03-06-1990                     | Turunen et al                                      | corrs WO88/05090  |
|                    |                      | US-   |                                |  | & DE 3790861  |
|                    |                      | US- 5,312,500 B1  | 05-17-1994                     | Kurihara et al                                     | corrsp US 4,992,124   |
|                    |                      | US- 5,968,433 B1  | 10-19-1999                     | Belch et al  | corrsp US 6,234,778   |
|                    |                      | US-   |                                |  | EP0879906 & DE19721609  |
|                    |                      | US- 6,234,778 B1  | 05-22-2001                     | Belch et al  | corrsp US 5,968,433   |
|                    |                      | US-   |                                |  | EP0879906 & DE19721609  |
|                    |                      | US-   |                                |  |   |
|                    |                      | US-   |                                |  |   |
|                    |                      | US-   |                                |  |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>3</sup> "Number <sup>4</sup> " Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|----------------------|---|--------------------------------|--|---|----------------|
|                    |                      | GB 955 128 A  | 04-15-1964                     | N.V.Onderzoekingsinstituut Research                |   |                |
|                    |                      | DD 211 586 A  | 07-18-1984                     | Turunen et al                                      | corrsp US 4,583,984 &<br>WO83/03433   |                |
|                    |                      | DD 223 740 A1   | 06-19-1985                     | Nagel et al  |   | ✓              |
|                    |                      | DE 2 211 102  | 09-20-1973                     | Bauer et al  |   | ✓              |
|                    |                      | DE 25 39 725 A1   | 03-25-1976                     | Kusunose et al                                     | corrsp US 4,107,374   |                |
|                    |                      | DE 44 09 609 A1   | 10-13-1994                     | Michels et al                                      |   |                |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |   |    |   | Application Number     | 10/588,835         |
|  |   |    |   | Filing Date            |                    |
|  |   |    |   | First Named Inventor   | Peter Weigel et al |
|  |   |    |   | Art Unit               |                    |
|  |   |    |   | Examiner Name          |                    |
| Sheet  | 2 | of | 4 | Attorney Docket Number | 1-17509            |

**U. S. PATENT DOCUMENTS**

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|                    |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                    |                       | DE 28 30 685 C3   | 03-18-1982                     | McCorsley III                                      | corrsp US 4,144,080<br>4,246,221 & 4,416,698                                    |                |
|                    |                       | DE 37 90 861 T1   | 12-08-1988                     | Turunen et al                                      | corrsp US 4,906,521<br>& WO 88/05090  |                |
|                    |                       | DE 197 21 609 A1  | 11-26-1998                     | Blech et al  | corrsp US 6,234,778<br>& EP0879906  |                |
|                    |                       | EP 0 057 105 B1   | 08-04-1982                     | Huttunen et al                                     |   |                |
|                    |                       | EP 0 178 292 B1   | 04-16-1986                     | Griesser et al                                     |   |                |

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| Sheet   | 3 | of                     | 4                  |

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

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| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document                              |
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|                          |                       | EP 0 879 906 A2   | 11-25-1998                     | Blech et al   |
|                          |                       | WO 00/18991   | 04-06-2000                     | Feilmair et al  |
|                          |                       | WO 83/03433   | 10-13-1983                     | Turunen et al   |
|                          |                       | WO 88/05090   | 07-14-1988                     | Turunen et al   |
|                          |                       | WO 98/07911   | 02-26-1998                     | Luo et al   |

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|   |   |    |   | Art Unit               |                    |
|   |   |    |   | Examiner Name          |                    |
| Sheet   | 4 | of | 4 | Attorney Docket Number | 1-17509            |

## **NON PATENT LITERATURE DOCUMENTS**

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| Examiner<br>Signature |  | Date<br>Considered |  |
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